

BOOK III

1. Dr. Maurice C. Hall, Division Chief, raising the U.S. flag over the newly acquired acreage for the Beltsville Parasitology Laboratory of the Zoological Division, Bureau of Animal Industry, (ca. 1930)
2. Forested area with path through the woods.
3. Deforestation in progress prior to preparation of pastures.
4. Fencing of first pastures on hillside.
5. Pond filling entrance to an old iron mine dating from the 1700's.
These mines were active during revolutionary war, and perhaps later.
6. Basement walls of first laboratory building of the Zoological Division, Beltsville, Maryland (February 1930).
7. First Laboratory Building of Zoological Division (November 1931) with Dr. Lawrence Avery at the door.
8. Xerox copy of the first record of entire staff stationed at the Beltsville Laboratory which actually got off the ground July 1, 1931. Note the beautiful handwriting (Mr. Drury's) and the assignment of blue collar workers each day. This record book is complete from July 1, 1931 through
9. First scientific Staff full time at Beltsville (Dr. Paul C. Underwood, Mr. Drury, Secretary, John S. Andrews, Zoologist, Dr. Lawrence Avery, Dr. Lloyd Spindler, and Mr. John T. Lucker, Superintendent and Zoologists, respectively. (1931)
10. Staff including two that were not in the previous picture, L to R. P. C. Underwood, Dr. Lawrence Avery, Mr. John T. Lucker (back row) Front row: Lloyd A. Spindler, Eugenia Cuvillier, and Wendell H. Krull, Zoologists
11. Dr. John S. Andrews (1931) artificially digesting trichinous meat with hydrochloric acid and pepsin in water bath incubator.
12. John S. Andrews (1931) eating lunch on edge of pond filling mine entrance (see 5)
13. Dr. Paul C. Underwood, eating lunch on edge of pond filling mine entrance (see 5)
14. Main Laboratory Building, Animal Shelter, Animal and Feed-storage Barn, and Anaplasmosis Barn, looking northwest from main access road. (1930's)
15. Main laboratory from main access road, showing unpaved driveways. (1930's)
16. Closer view from southeast of Main Laboratory. Animal and Feed Storage Barn at right. Not flagpole in center right of photograph. (1930's)
17. Main laboratory (right foreground), fenced lots for experimental animals and Animal and Feed Storage Barn in far-left background. View from Southwest (1930's)

BOOK III (Continued)

18. General view from northwest of (L to R) Anaplasmosis Barn, Animal and Feed-storage Barn and Main Laboratory. Not incinerator in right middle background. Future hillside pastures are directly in front of camera.
19. Dr. Krull's laboratory with aquaria for growing snails, the intermediate hosts of many trematodes (1930's)
20. Baermann apparatus for extracting living nematodes and their larvae from soil or fecal cultures, respectively. (1930's)
21. Mr. Ralph Zimmerman's shop in basement of first laboratory building (early 1930's)
22. Animal and Feed-Storage building on other side of flag pole, and Anaplasmosis Barn on right (looking north from main laboratory). 1930's)
23. Close-up of anaplasmosis barn (First used for cattle tick fever work) (1930's)
24. Trough for oil around inside of anaplasmosis barn to prevent escape of cattle ticks. (1930's)
25. Interior of Anaplasmosis Barn showing screened stalls (1930's)
26. William Smith cleaning feed trough in anaplasmosis barn. (Note manure carrier, oil trough, screened stalls).
27. Inside view of stall in anaplasmosis barn (1930's).
28. Mrs. Margery Horsfall, Zoologist, Poultry Parasites (1934-1937) on boat dock of pond just outside poultry parasite laboratory. (1935)c.a.
29. Poultry Helminth Laboratory, Zoological Division, BAI, Beltsville, Md. (1934)
30. Dr. Ena A. Allen, Protozoologist from Dr. Kofoid's laboratory in California, in front of Coccidiosis building at Beltsville (1934).
31. Mr. Charles Conway tending incinerator of Coccidiosis building. (Note metal chutes) (1934)
32. Sheep and animal shelter in pasture lot (Typical of many on station). (1930's) Anaplasmosis barn in background.
33. The Aviary, for larger birds than chickens. (1934) was used for buzzards at one time.
34. Dr. Avery at corner of Stiles and Salmon Roads in front of clean animal stock house. (The main road to Zoology, and the road leading off to the East toward swine and poultry sections, and sheep barn.
35. Drainage ditch on west side of Headquarters Hill to separate flow and prevent drainage from one pasture from contaminating another. (1934)
36. Dr. Avery, Superintendent of Station, on path near anthelmintic house, showing double fencing of fields, also ornamental ditch.

ANIMAL PARASITOLOGY INSTITUTE PHOTOGRAPH ALBUM INDEX

VOLUME THREE

Page No.

1. Dr. Maurice C. Hall, Chief, Zoological Division Raising flag of the United States over the newly acquired acreage (75-80 acres) at the Agricultural Research Center, Beltsville, Md., which is to be used as a Field Laboratory of the Division, Bureau of Animal Industry. (ca 1930) Courtesy of Mr. Charles H. Hill, Zoologist, Animal Parasitology Institute.
2. Views of terrain about first parasitology laboratory at Beltsville. Upper left Path through woods, Lower left, fencing first pastures, Upper right deforestation of area prior to building and fencing pastures, lower right, Pont in old iron mine shaft dating from the 1700's (Pictures donated by Dr. John S. Andrews were taken about (1930)
3. Foundation and basement walls of first laboratory at Beltsville of the Zoological Division, B.A.I. (1930)

First Parasitology Laboratory practically completed (1931) (Occupied December 1930. Dr. Avery at front door.

Photocopy of the sheet showing names of first full-time employees at the Beltsville Laboratory of the Zoological Division, B.A.I. Beginning July 1, 1931. (Handwriting of Mr. Sevellon B. Drury, Clerk)

4. Pictures of first Staff of the Beltsville Parasitological Laboratory of the Zoological Division on left hand side of page. Upper left: L to R. Dr. Paul C. Underwood, Mr. S. B. Drury, Mr. John S. Andrews, Dr. Lawrence Avery, Chief, Dr. Lloyd A. Spindler, and Mr. John T. Lucker. 1931
Lower Left: L to R. Dr. Paul C. Underwood, Dr. Lawrence Avery, Mr. John T. Lucker, (sitting) Dr. Lloyd A. Spindler, Eugenia Cu villier (Miss), Dr. Wendell Krull. (Dr. John S. Andrews, not present for picture) (1931)
5. Upper Left: John S. Andrews eating lunch by pond; lower left Dr. P. C. Underwood eating lunch by pond. (1931)
6. Main Laboratory at left in top left picture; animal and feed storage barn at right of center.
Middle picture: Main Laboratory from southeast; Bottom left: Close-up of Main Laboratory from southeast, with barn and animal building at right side of picture. (1930's)
7. Top. Main Laboratory and fenced lots from southwest, with animal and feed storage barn at left of picture.

Bottom. Left to Right: Anaplasmosis Barn, Animal and feed storage barn, Main Laboratory, and Incinerator at right, before fencing was completed. (1930's)

Volume three (continued)

Page No.

- 8 Top. Dr. Krull's laboratory with aquaria for growing snails, the intermediate hosts of many trematodes (1930's)
Bottom: Baermann Apparatus for extracting nematode larvae from feces-charcoal cultures or from soil. (1930's)
9. Dr. Ralph Zimmermann's workshop, in basement of first laboratory building (Early 1930's) (Courtesy of Mr. C. H. Hill)
10. Animal and Feed-Storage Barn and Anaplasmosis Barn from Main Laboratory. (Top) (1930's)
Middle: Anaplasmosis Barn (1930's)
Bottom. Oil trough around inside of pens of anaplasmosis barn to prevent migration of ticks infected with Anaplasma. (1930's)
11. Cattle pens in Anaplasmosis Barn showing screening to prevent escape of infected ticks. (1930's)
William Smith cleaning feed trough in anaplasmosis barn (note manure-carrier; oil trough, and screened stalls). (1934)
Inside view of screened stall in anaplasmosis barn. (1934)
12. Dr. Margerie Washburn Horsfall, Zoologist, Poultry Parasites (1934-1937)
Top. Poultry Helminth Laboratory, Zoological Div. Beltsville Agricultural Center, (1934)
Bottom. The Coccidiosis Laboratory, Poultry Research. Dr. Enaa A. Allen in doorway, in charge of these investigations.
13. Charles Conway at incinerator of coccidiosis Building (Note metal chutes from building. (1934)
Sheep and animal shelter in pasture lot (typical of many others) Anaplasmosis barn in background.
Bottom: Aviary to keep larger birds in captivity that would not fit small cages.
14. Clean Animal Stock House: Dr. Lawrence Avery at corner of Stiles Road and Salmon Road, leading to the east toward livestock barns, poultry parasite laboratory and the lake (1934)

- 14 Middle. Drainage ditch showing separation of lots to prevent contamination by drainage from one lot into another. On west side of Headquarters Hill. (1934)
- Dr. Avery, Superintendent of Station, shown on path near anthelmintic house. The picture shows separation by double fencing of fields and ornamental ditch.
- 15 Stilt pens for isolation of experimentally infected sheep (1930's)
- Swine section on left showing area before fencing or buildings were constructed. (looking Northeast from road intersection) (early 1930's)
- Right center of page. Stilt pens for isolation of experimental pigs. (1930's)
- Bottom. Food and Drug Adm. Building for Anthelmintic testing (early 1930's)
- 16 Pergola at entrance to dog kennels (1930)
- Dog kennels (1930)
- View of lake (pond) filling old iron mine entrance showing boathouse and unidentified fisherman (1931)
- 17 Second Main Laboratory at Beltsville constructed in the middle 1930's. (1934)
- Garage for storing trucks and station vehicles (1934)
- Animal Shelter in pasture log (1934) One under construction in background on right.
- 18 Insulated boxes for experiments on destruction of horse strongyle larvae by heat from fermenting horse manure. (Early 1930's)
- New Cattle barn for work on Trichomoniasis (1939)
- 19 New Sheep Barn (1939)
- New Swine Farrowing House (1939)
- 220 Aerial View of the Beltsville Parasitological Laboratory, looking southwest (about 1940) (L-R) Foreground: sheep barn and pastures, swine farrowing houses and pastures, Food and Drug testing area, Anaplasmosis Barn, Cattle Barn, above and to the left, Garage, Feed Storage and chemotherapy Laboratory, Trichinosis Building and Main Parasitology Laboratory. Agricultural Research Center Administration Buildings and Laboratories are in upper left and the Log Lodge is just above the top of the Administration Building. The Animal Science and small animal buildings, abattoir and power plant are seen in the upper right hand corner.